

M 5.5, Kyushu, Japan

Origin Time: 2023-08-06 18:12:41 UTC (Mon 03:12:41 local)
Location: 30.7637° N 131.3898° E Depth: 13.2 km

PAGER
Version 4

Created: 1 day, 6 hours after earthquake

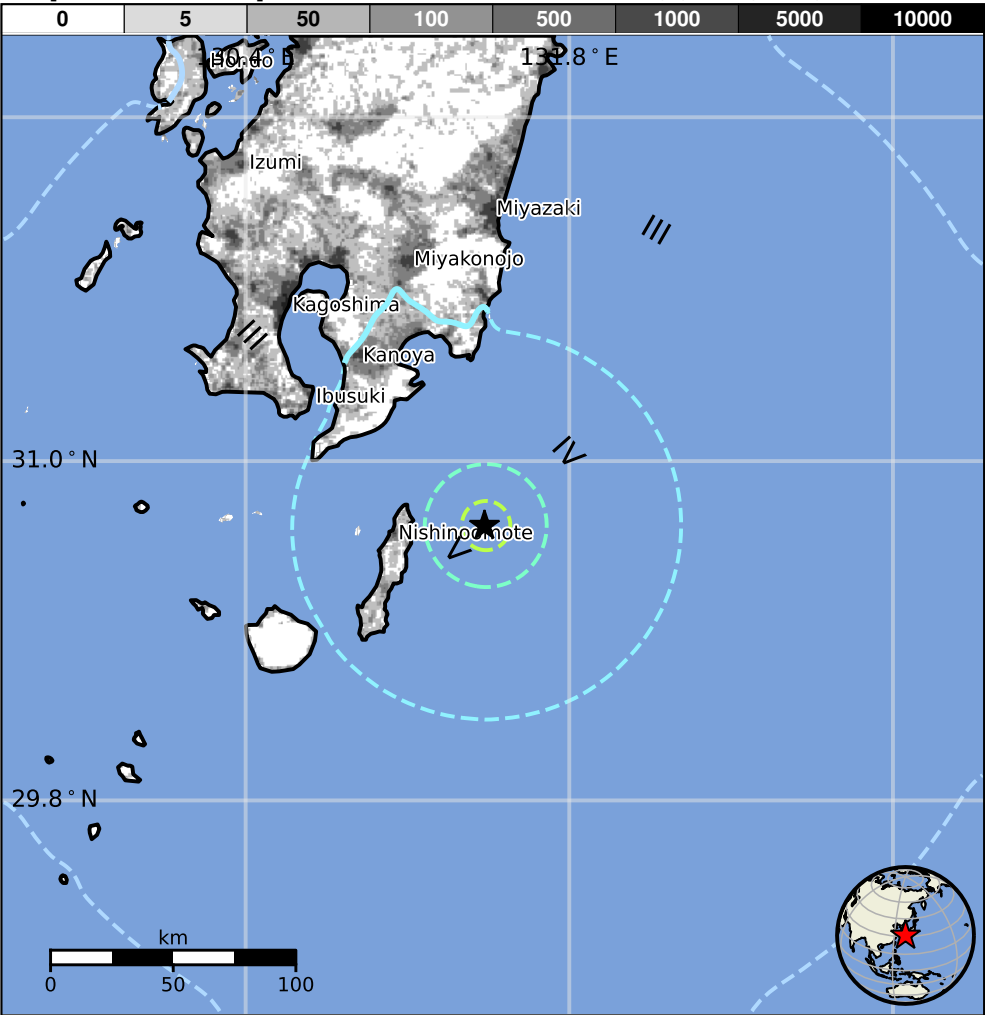


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	2,222k*	687k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are heavy wood frame and reinforced/confined masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1987-03-18	147	6.6	VII(593k)	1
2005-03-20	353	6.6	IX(74k)	1
2001-03-24	386	6.8	VIII(5k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Nishinoomote	18k
IV	Shibushi	18k
IV	Kushima	22k
IV	Nichinan	44k
IV	Tarumizu	19k
IV	Kanoya	82k
IV	Miyazaki	311k
IV	Kagoshima	555k
III	Miyakonojo	131k
III	Satumasendai	73k
III	Honmachi	104k